

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES		THOMAS BOY	
PROJECT 69849(B)		DRAWING TS	
SHEET 3 OF 23		DATE	



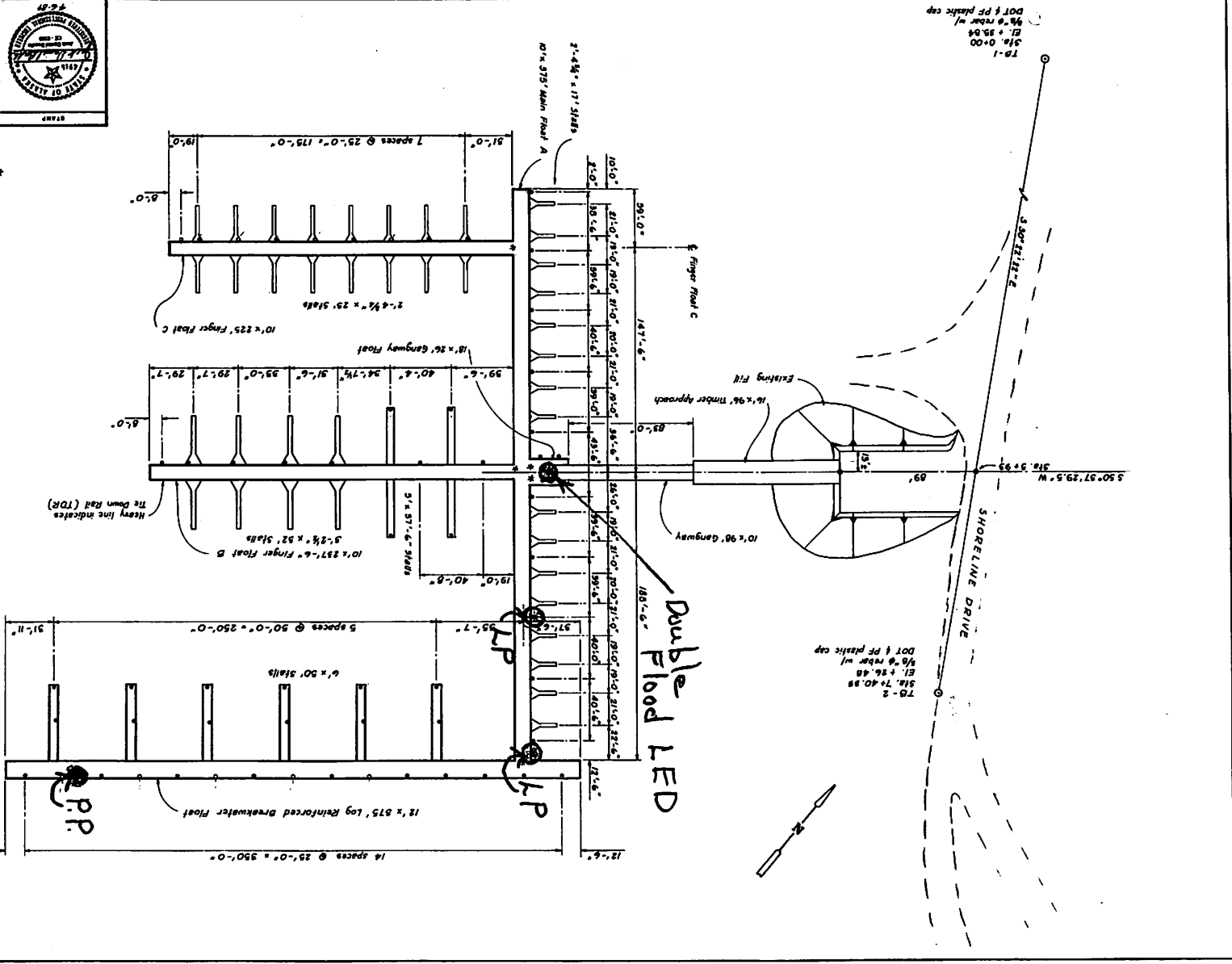
DO NOT SCALE THIS DRAWING - USE DIMENSIONS

* * 16'-9" clear opening in TDR. TDR to be approx. 20' in length on E. side of opening and approx. 20' in length on W. side of opening. NO SHORT LENGTHS. Detail on shop drawings.

• Steel Pile
• Timber Pile

GENERAL NOTES

- 1. FLOAT PILES**
A. Cutoff Elevation + 32.0'
B. Design Penetration
a. Timber Piles - 15'
b. Steel Piles - 30'
- 2. APPROACH PILES**
A. Design Bearing
a. Timber Piles - 20 Tons
b. Steel Piles - 50 Tons
B. Estimated Penetration below original ground
a. Timber Piles - 12'
b. Steel Piles - 20'
C. Pile Size
a. Timber Piles - 20" minimum tip circumference
b. Steel Piles - 12 1/4" x 9 1/2" max buttler piles
D. Driving Shoes
a. Steel Piles - 16" x 16" x 1/2" wall and
b. Timber Piles - 22" minimum tip circumference
C. Pile Size
a. Timber Piles - 20"
b. Steel Piles - 12"
D. Estimated Penetration below original ground
a. Timber Piles - 12'
b. Steel Piles - 20'
- 3. HORIZONTAL CONTROL**
The base of horizontal control for this project is the bearing of S 90° 22' 22" E between TD-1 and TD-2
- 4. VERTICAL CONTROL**
Elevations for this project were determined from several high low tide observations. The base of vertical control for this project is the control point TD-2 with an accepted elevation of 34.78 feet above M.L.L.W.





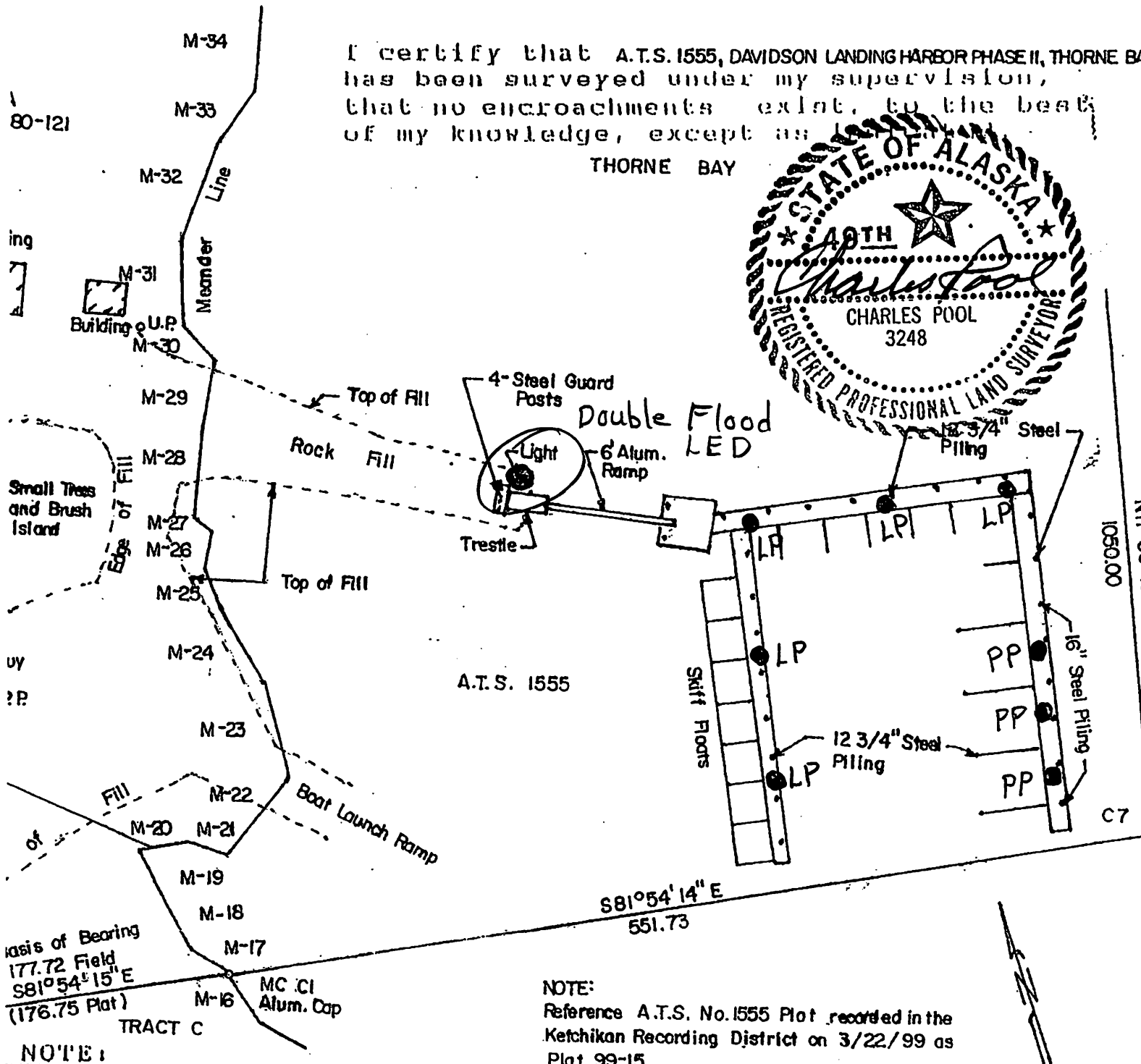
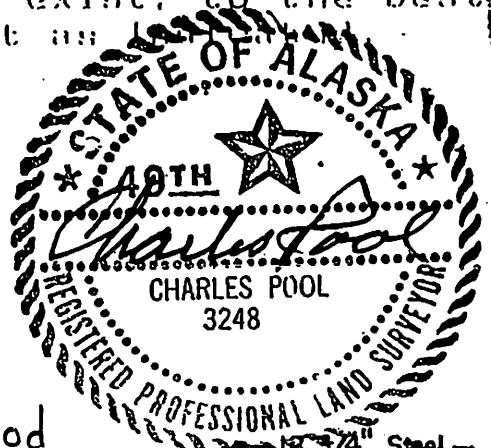
POOL ENGINEERING, INC.

LICENSED SURVEYOR
ENGINEER

SKA 99901

I certify that A.T.S. 1555, DAVIDSON LANDING HARBOR PHASE II, THORNE BAY has been surveyed under my supervision, that no encroachments exist, to the best of my knowledge, except as noted.

THORNE BAY



NOTE:
Reference A.T.S. No. 1555 Plot recorded in the Ketchikan Recording District on 3/22/99 as Plat 99-15

NOTE:
responsibility of the Owner to the existence of any easements, or restrictions which do not

AS-BUILT SURVEY
A.T.S. 1555, DAVIDSON LANDING HARBOR PHASE II, THORNE BAY, ALASKA